



Westinghouse
Electric Corporation

RA-WLG-88-014

Nuclear Fuel Division
Manufacturing Department

Drawer R
Columbia, South Carolina 29250
803 776 2610

February 16, 1988

Director of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Sir:

Subject: SNM-1107/70-1151

The following report fulfills regulatory requirements as listed in 10 CFR 40.65 and 10 CFR 70.59 "Effluent Monitoring Reporting Requirements." For the six-month period July 1, 1987 through December 31, 1987 the following quantities of radionuclides were released to the unrestricted areas by the Westinghouse Electric Corporation's Columbia, South Carolina Commercial Nuclear Fuel Division plant:

- A. Gaseous 668.9 uCi Uranium (Analyzed as gross alpha)
- B. Liquid Effluent 20,222 uCi - U₂₃₄
1,133 uCi - U₂₃₅
5,504 uCi - U₂₃₈

Gaseous results were obtained from point source analysis of stack gas effluent, and the individual radionuclide composition can be assumed to average the same as the liquid (75.3% U₂₃₄, 4.2% U₂₃₅, 20.5% U₂₃₈).

Liquid values were obtained by compositing proportional samples prior to discharge to the Congaree River.

Sincerely,

WESTINGHOUSE ELECTRIC CORPORATION

Edward Rich /sor

W. L. Goodwin, Manager
Regulatory Affairs

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